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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/507,131	09/10/2004	Judith Rossebo	1380-0201PUS1	2700
2292 7590 02/05/2008 BIRCH STEWART KOLASCH & BIRCH PO BOX 747 FALLS CHURCH, VA 22040-0747			EXAMINER HOANG, DANIEL L	
			ART UNIT 2136	PAPER NUMBER
			NOTIFICATION DATE 02/05/2008	DELIVERY MODE ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

mailroom@bskb.com

Office Action Summary	Application No. 10/507,131	Applicant(s) ROSSEBO ET AL.	
	Examiner Daniel L. Hoang	Art Unit 2136	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 September 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>9/10/04</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

CLAIMS PRESENTED

Claims 1-14 are presented.

CLAIM REJECTIONS

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-10 and 12-14 are rejected under 35 U.S.C. 102(b) as being anticipated by Win, US Patent No. 6182142.

As per claim 1 and 13, Win teaches:

System for providing secure service access for a user to at least one service from a service provider, where the user and the service provider are provided with means for connection to a common computer network, said system comprising:

one or more validation service units arranged for performing the steps of: receiving a name in a user certificate from an access server, controlling the validity of the user certificate,

[see page 6, lines 6-16]

if the user's certificate is valid, either sending the user's certificate name to an authorization service unit for translation to a user name, and passing the user name returned from the authorization service unit to the access server, or passing the user's certificate name to the access server,

[see page 9, lines 63-67 and page 10, lines 1-5]

if the user's certificate is not valid, denying the user access to the service;

[see page 10, lines 1-5]

one or more authorization service units arranged for performing the steps of: receiving a user's certificate name from a validation service unit or an access server, sending the user's certificate name to a database, receiving user name and profile from the database, passing the named user identity to the validation service unit or the access server,

[see page 6, lines 48-61]

receiving a query for access rights from an access server, querying for subscription info from the database, receiving subscription info from the database, determining access rights based on said subscription info, passing access rights to the access server;

[see page 8, lines 56-67]

and one or more authorization role units and adjoining databases arranged for performing the steps of: receiving a user's certificate from an authorization service unit, locating the user's name and profile in the database, sending user's name and profile to the authorization service unit, receiving a query for subscription info from an authorization service unit, sending subscription info to the authorization service unit.

[see page 13, lines 23-31]

As per claim 2 and 14, Win teaches:

System according to claim 1, further comprising at least one access server, arranged for performing the steps of:

receiving a request from the user, authenticating to user and asking for client authorization, performing a challenge/response sequence,

[see fig. 5b, step 502]

requesting a certificate and proof of possession of a private key from the user,

[see fig. 5b, element 504 and col. 23, lines 1-5]

passing the name in the certificate to a validation service unit, in case of valid user certificate, receiving named user identity from an authorization service unit, querying an authorization service unit for access rights, receiving access rights from the authorization service unit,

[see page 8, lines 56-67]

locating an appropriate service menu, presenting the service menu to the user, and transferring information between the user and the service provider.

[see col. 6, lines 17-24]

As per claim 3, Win teaches:

System according to claim 1 or 2, wherein the access server comprises means for: supporting HTTPS, or other means for securing communication channels, authenticating the access server to clients/users, preferably by use of PKI technology, supporting protocols necessary to communicate with the validation service and the authorization service unit, supporting one or more protocols for PKI-based client/user authentication, implementing the functionality needed to display information to the user and to handle user input, acting as a proxy server between the user and a service.

[see col. 23, lines 1-5 and col. 4, lines 56-67]

As per claim 4, Win teaches:

System according to claim 1 or 2, wherein requesting a certificate and a private key from the user may be performed by using a directory lookup.

[see col. 21, lines 52-65]

As per claim 5, Win teaches:

System according to claim 1 or 2, wherein the access server is adapted for mediating direct access to the service in a single sign-on manner.

[see col. 3, lines 7-14]

As per claim 6, Win teaches:

System according to claim 1 or 2, wherein the database storing the user name and profile, is also storing other user related information.

[see col. 12, lines 46-54]

As per claim 7, Win teaches:

System according to claim 3, wherein the access server, when using other means for securing the communication channel, is establishing a SLL/TLS session with the server authentication only, and running the user authentication protocol on the established secure channel.

[see col. 22, lines 65-67]

As per claim 8, Win teaches:

System according to claim 3, wherein the user, in case of several alternatives of authentication methods, is presented with the choices, and the access server is establishing a SSL/TLS session with the chosen method of client authentication.

[see col. 22, lines 65-67]

As per claim 8, Win teaches:

System according to claim 5, wherein the service provider is included in the system and is adapted for accessing and exchanging information with the authorization service unit.

[see col. 4, lines 56-67]

As per claim 10, Win teaches:

System according to claim 1, wherein said validation service units, said authorization service units and said authorization role units are computer-implemented.

[see col. 26, lines 1-19]

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Win as applied to claims 1 or 2 above, and further in view of Kahn, et al. (US Patent No. 6853728).

As per claim 11:

The Win reference has been discussed above. Win does not disclose using the system of claim 1 for providing authentication, authorization, and access to a value-added service such as video on demand. Kahn teaches a video on demand system. It would have been obvious to one of ordinary skill in the art to combine the teachings of Win with the video on demand system of Kahn in order improve the security of the Kahn system.

POINTS OF CONTACT

- * Any response to this Office Action should be **faxed to (571) 273-8300 or mailed to:**

Commissioner for Patents
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Hand-delivered responses should be brought to

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* Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel L. Hoang whose telephone number is 571-270-1019. The examiner can normally be reached on Monday - Thursday, 8:00 a.m. - 5:00 p.m., EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nasser Moazzami can be reached on 571-272-4195. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Daniel L. Hoang
1/31/08

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1/31/08